CLAIMS

1. A disposable tissue, the tissue being made of non-woven of rayon material, and received and compression-molded in a mold having a predetermined shape.

2. The disposable tissue according to Claim 1,

wherein a compressibility ($\Delta V/V$) of the molded disposable tissue ranges from 0.4 to 0.6.

3. The disposable tissue according to Claim 1 or 2,

wherein the disposable tissue is compression-molded by being pressed longitudinally in a state where the disposable tissue is rolled.

4. The disposable tissue according to Claim 3,

wherein the molded disposable tissue takes the shape of a cylinder.

5. An apparatus for producing a disposable tissue, comprising;

a cylindrical molding bushing having a longitudinal, through passage;

a table for supporting the molding bushing such that both end portions of the through passage of the molding bushing are exposed to the outside;

an upper press installed vertically movably above the table and having a pressing rod to be inserted into the through passage of the molding bushing when the upper press moves downwardly; and

a lower press installed vertically movably below the table and having a supporting rod to be inserted into the through passage of the molding bushing when the lower press moves upwardly.

6. The apparatus according to Claim 5,

wherein the through passage of the molding bushing has an upwardly flared, tapered surface at an inner surface of an upper entrance thereof.

7. The apparatus according to Claim 6,

wherein the molding bushing has a step formed on an outer circumferential surface thereof to have a larger diameter section and a smaller diameter section,

the molding bushing is inserted into a through hole formed on the table, and

the through hole formed on the table has a diameter smaller than that of the larger diameter section but larger than that of the smaller diameter section of the molding bushing so that the step of the molding bushing is caught and movably supported by a perimeter of the through hole of the table.

8. The apparatus according to Claim 5 or 6,

wherein a plurality of molding bushings are provided, each of the molding bushings having a step formed on an outer circumference surface thereof to have a larger diameter section and a smaller diameter section,

the apparatus further comprises a supporting block supported on the table, the supporting block taking the shape of a cylinder and having a plurality of through holes for receiving and supporting the molding bushings with the steps formed thereon,

each of the molding bushings is received in the relevant one of the through holes formed in the supporting block, each of the through holes having a diameter smaller than that of the larger diameter section but larger than that of the smaller diameter section of the relevant one of the molding bushings so that the step of each of the molding bushings is caught and movably supported by a perimeter of each through hole of the supporting block, and

the upper press has a plurality of pressing rods provided above the relevant molding bushings and the lower press has a plurality of supporting rods provided below the relevant molding bushings.

9. The apparatus according to Claim 8,

wherein the supporting block has a step formed on an outer circumferential surface thereof to have a larger diameter section and a smaller diameter section,

the supporting block is inserted into a through hole formed on the table, and

the through hole formed on the table has a diameter smaller than that of the larger diameter section but larger than that of the smaller diameter section of the molding bushing so that the step of the molding bushing is caught and movably supported by a perimeter of the through hole of the table.

10. The apparatus according to Claim 9,

wherein the pressing rod has an end surface on which rugged portions are formed for stamping a definite embossed pattern on the disposable tissue to be compression-molded.